KiwiVision® Privacy Protector®

The KiwiVision® Privacy Protector® automatically obscures all persons in surveillance videos in real-time through pixelization.

Nevertheless, movement and actions remain recognizable. The unnecessary intrusion into personal privacy is prevented without compromizing the level of security.

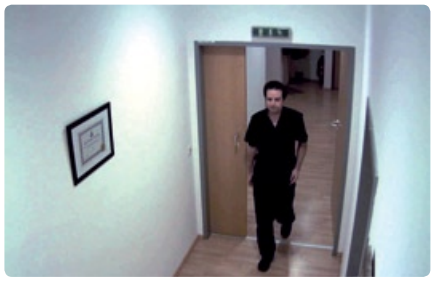
The ideal pixelization type can be chosen for every situation. With only a few clicks, the block size can be selected in order to fit the size of people in the image. In addition, there are several methods for the obscuring of the blocks ranging from average pixelization to total coloring in order to ensure that nobody becomes recognizable in any scene, ensuring perfect privacy protection in any video surveilallance scenario.

Fields of Application

- Public video surveillance (e.g. schools, universities)
- Businesses with semi-public areas (e.g. shopping malls)
- Companies and businesses

Features

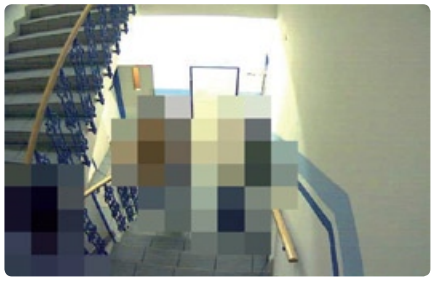
- Privacy protection through pixelization
- Actions remain recognizable
- Different obscuration methods
- Enhancement for every video surveillance system
- Changing light conditions can be compensated



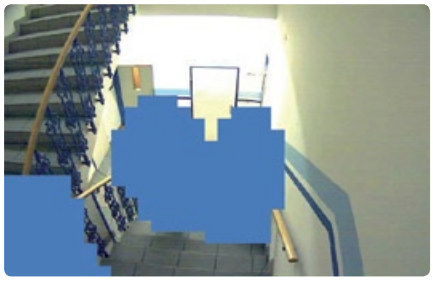
Original image

Pixelization with block size 40

Pixelization with block size 90



Average color blocks

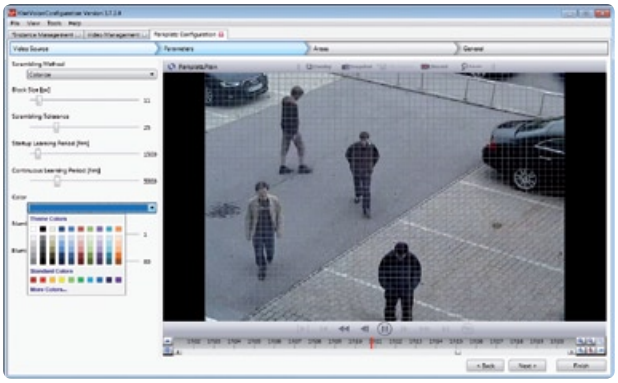


Constant color

Contrast dependent color

In certain areas obscuration may be desired at all times, even if there is no movement present (e.g. desks, computer displays). These specific areas can freely be defined. Equally, areas which are excluded from the obscuration due to high security risk can be defined; for instance ATMs or areas above walls.

The innovative and continuously learning algorithm of KiwiVision® Privacy Protector® can learn multiple light conditions of the same area so that even when the light is switched on or off or other sudden illumination changes take place, no unnecessary pixelization occurs.



REQUIREMENTS

- KiwiVision® Connection Platform
- Minimum resolution: 320 x 240 px
- Minimum frame rate: 3 fps

3 KPU

Trust Through Independent Certification

The KiwiVision® Privacy Protector® is the only video surveillance product that has been awarded the European Privacy Seal by EuroPriSe.

EuroPriSe awards IT based products that are compatible with the European privacy policy and excel in privacy protection.

European Privacy Seal

EP-P-F9LDTM / Valid till 2017-10

In order to obtain the European Privacy Seal a profound investigation of a product is conducted, both in technical and legal terms. In technical terms even the source code is checked to ensure that there is no possibility to suspend the privacy protection (destructive anonymization). Legally, not only the product's but the entire company's conformity with the European privacy policy is verified. It is crucial that the examination is conducted by an independent and confidential institution and that all criteria are public. The seal is valid for two years and has to be re-awarded after its expiration. Thus, one can be sure that the product always complies with the latest privacy laws and policies.

Access to encrypted plain data in the case of an incident is secured by chip cards.

Encryption with Chip Cards in the KiwiVision® VMS

If the KiwiVision® Privacy Protector® is operated within the KiwiVision® VMS, the original plain video can be cryptographically encrypted and recorded in the background, for instance with the certificates of two chip cards.

The operator only sees the pixelized video image. In case of an incident, two authorized persons can together access the plain video by using chip cards and entering the corresponding PIN codes. Thus, the four-eye-principle is guaranteed and the video data is protected against abuse on a military grade.

Furthermore, it is possible to limit the access with transaction codes. Each member of the security personnel obtains a list of codes which enable the viewing of one time-span (i.e. 5 minutes). If all codes have been used, new ones have to be requested. Thus, excessive and unnecessary access of video data is prevented.